**Intersecting Chords**

**Finding Formulas**

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|  | The chords AB and CD intersect at P.  Write down the formula connecting:  PA, PC, PD and PB. |
|  | The chords AB and DC extended outside the circle intersect at P.  By accurate measuring or otherwise, find a formula connecting:  BA, AP, DC and CP |
|  | The chords AB and the tangent at T extended outside the circle intersect at P.  By accurate measuring or otherwise, find a formula connecting:  AB, AP and PT |